CUSTOMER NO.: 020991

Docket No. PD-201006A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE APPLICATION TRANSMITTAL LETTER FOR NONPROVISIONAL PATENT APPLICATION Under 37 C.F.R. 1.53(b)

Certification under 37 CFR 1.10 (if applicable)

EF740979602US

EXPRESS MAIL mailing number

Date of Deposit

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Vickie Chupp

(Type or printed name of person mailing application)

(Signature of person mailing

Commissioner for Patents ₩ashington, D.C. 20231

Transmitted herewith for filing is the patent application, including 9 sheet(s) of formal drawings, of inventor(s): DONALD C. D. CHANG, WAH L. LIM, and MING U. CHANG. This form is submitted in triplicate.

COMMUNICATION SYSTEM FOR MOBILE USERS USING ADAPTIVE ANTENNA

The filing fee for this application is calculated below:

72		CLAIMS AS FILED					
		NUMBER FILED		NUMBER EXTRA	RATE		
For:	Basic Fee Total Claims Independent Claims Multiple Dependent Claims	22 -2	20= · 3 =	2. x 0 x +	\$ 18.00 \$ 80.00 \$260.00	\$710.00 \$ 36.00 \$ \$	

TOTAL FILING FEE:

\$746.00

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$746.00. The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment, to that account.

The Commissioner is further hereby authorized to charge to said above Deposit Account No. 50-0383, pursuant to 37 CFR 1.25(b), any fees whatsoever which may properly become due or payable, as set forth in 37 CFR 1.16 to 1.17 inclusive, for the entire pendency of this application without specific additional authorization.

Applicant hereby claims the benefit under 35 U.S.C. 119(e) of the following United States provisional (PD-201015), filed 60/266.684 60/262,717 applications: February 5. 2001. filed on January 19, 2001 and 60/262,701 (PD-201006) filed January 19, 2001 - still pending.

Please associate this application with the Hughes Electronics Corporation Customer Number 020991.

HUGHES ELECTRONICS CORPORATION

CUSTOMER NUMBER 020991 HUGHES ELECTRONICS CORPORATION Patent Docket Administration Bldg. 001, M/S A109 PO Box 956 El Segundo, CA 90245-0956 Telephone: (310) 662-9916 Dated: May /6, 2001

MICHAEL W. SALES, Registration No.: 30,213

X Attorney or Agent of Record Assignee of complete interest Filed under 37 CFR 1.34(a)